

Map of parcels at 39 kft on 07072118 influenced by convection 2.5 to 5.0 days earlier Squares indicate location of convectively influenced air -- influence calculated only within black box Crosses indicate locations where back trajectories from squares intersect convection Cross, square, and trajectory colors indicate elapsed time between convection and 07072118 5.0 4.5 Days Since Convection 4.0 3.5 3.0 2.5 NASA/ARC **PSL** ast Image Used is 0707201945 1443 Trajectories

Map of parcels at 39 kft on 07072118 influenced by convection 5.0 to 7.5 days earlier Squares indicate location of convectively influenced air -- influence calculated only within black box Crosses indicate locations where back trajectories from squares intersect convection Cross, square, and trajectory colors indicate elapsed time between convection and 07072118 7.5 7.0 Days Since Convection 5.5 5.0 NASA/ARC **PSL** Last Image Used is 0707201945 1443 Trajectories

